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Datasheet for ABIN669141

anti-Interferon gamma antibody (AA 81-166)

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Overview

Quantity:	100 µL
Target:	Interferon gamma (IFNG)
Binding Specificity:	AA 81-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IFN Gamma
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFN gamma (IFNG Products)

Target Details

Background:	Synonyms: IFG, IFI, Interferon gamma, IFN-gamma, Immune interferon, IFNG Background: Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.
Gene ID:	3458
UniProt:	P01579
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months

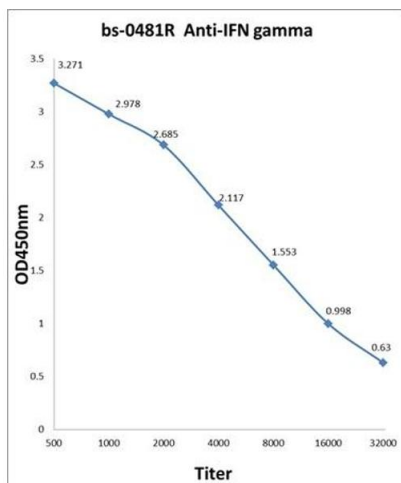
Publications

Product cited in: Wang, Wang, Song, Chu, Qu: "Deficiency of interferon-gamma or its receptor promotes colorectal cancer development." in: **Journal of interferon & cytokine research : the official journal of the International Society for Interferon and Cytokine Research**, Vol. 35, Issue 4, pp. 273-80, (2015) ([PubMed](#)).

Nimmagadda, Bever, Vattikunta, Talat, Ahmad, Nagalla, Trisler, Judge, Royal, Chandrasekaran, Russell, Makar: "Overexpression of SIRT1 protein in neurons protects against experimental autoimmune encephalomyelitis through activation of multiple SIRT1 targets." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 190, Issue 9, pp. 4595-607, (2013) ([PubMed](#)).

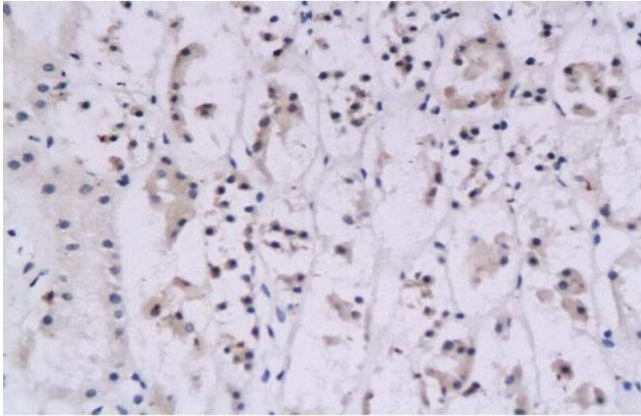
Guo, Qian, Zhang: "Histopathology and immunohistochemical profile in idiopathic dacryoadenitis." in: **Current eye research**, Vol. 37, Issue 5, pp. 365-71, (2012) ([PubMed](#)).

Images



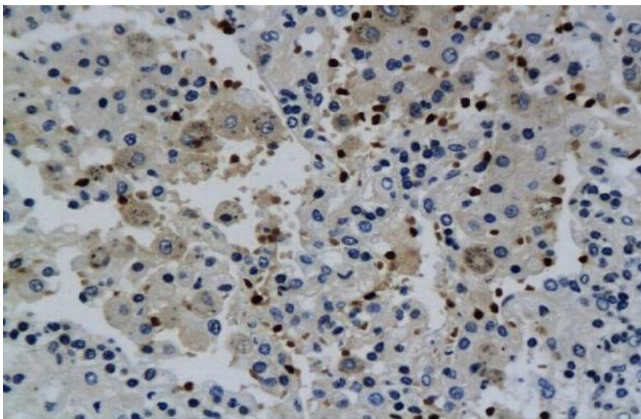
ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN669141.